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SECRETARY OF THE AIR FORCE**

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**Flying Operations**

**AIRCREW TRAINING**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This instruction implements AFD 11-2, *Aircraft Rules and Procedures*, and AFD 11-4, *Aviation Service*. It establishes the USAF aircrew training program that supports Air Force objectives and is applicable to all units assigned to or gained by major commands (MAJCOM) and HQ USAF direct reporting units (DRU) and applies to commanders, operations supervisors, and aircrews assigned or attached to all flying activities of these MAJCOMs and DRUs. This publication applies to the Air National Guard (ANG). MAJCOMs, field operating agencies (FOA) and DRUs may supplement this instruction. MAJCOMs, FOAs and DRUs will coordinate their supplement to this instruction with HQ USAF/XOOT before publication and forward one copy to HQ USAF/XOOT after publication. AFI 11-2 *Mission Design Series (MDS)-Specific*, Volume 1 instructions will contain specific training requirements unique to individual aircraft and crew positions. Submit suggested improvements to this instruction on AF Form 847, **Recommendation for Change of Publication**, through training channels, to HQ USAF/XOOT, 1480 Air Force Pentagon, Washington, DC 20330-1480.

The Privacy Act of 1974 affects this instruction. The Privacy Act System Number F011 AF XO A, Aviation Resource Management System (ARMS) covers required information. The authority for maintenance of ARMS is Title 37 U.S.C. 301a (Incentive Pay), Public Law 92-204, Section 715 (Appropriations Act for 1973), Public Laws 93-570 (Appropriations Act for 1974), 93-294 (Aviation Career Incentive Act of 1974), and Executive Order 9397.

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**(AFMC) AFI 11-202, Volume 1, 21 April 2004, is supplemented as follows:**

**(AFMC)** This document supplements AFI 11-202, Volume 1, and applies to all AFMC flying activities with primary aircrew assigned or attached for flying. This supplement does not apply to the Air National Guard or the US Air Force Reserve units and members except those under AFMC OPCON.

**SUMMARY OF REVISIONS**

**This document is substantially revised and must be completely reviewed.**

This revision updates references, revises procedures to be used when documenting aircrew training in ARMS, revises general officer qualification guidance, deletes certain material prescribed in other instructions, deletes forms no longer used, adds a *References* section to **Attachment 1** , and updates definitions to conform to higher-level directives.

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**1. General.** This instruction prescribes basic policy and guidance for training United States Air Force aircrews according to AFD 11-2, *Aircraft Rules and Procedures* (AFD 11-2 establishes the publications architecture). Undergraduate and Graduate aircrew production is tasked in Programmed Flying Training (PFT) document. Undergraduate and introduction to fighter fundamentals training is conducted according to HQ AETC syllabi. This instruction takes precedence over *MDS-specific* instructions. Unique, customized, and/or specialized training programs are defined in AFI 11-2 *MDS-Specific*, Volume 1, instructions.

1.1. **Program Goals.** The Air Force Aircrew Training Program ensures all aircrew members obtain and maintain the qualification and proficiency needed to effectively perform their unit's mission. Programs should strive to minimize the amount of retraining necessary when flying personnel return to duties for aircraft in which they were previously qualified. The overall objective of the aircrew training program is to develop and maintain a high state of mission readiness for immediate and effective employment across the range of military operations.

1.1. (AFMC) The overall AFMC aircrew training program objective is to develop and maintain a high state of mission readiness to ensure flight test activities are performed by the most qualified aircrews.

1.2. **Waiver Authority.** Unless otherwise specified in this instruction, HQ USAF/XOO is the waiver authority for this instruction. Request waivers to the basic guidance in this instruction through applicable training channels to MAJCOM/DO, or equivalent level. MAJCOM/DOs will forward request in message or memo format to HQ USAF/XOO, with copy to HQ USAF/XOOT. Waivers to supplemental guidance will be handled by the MAJCOM agency that generated the supplement. Unless otherwise specified in AFI 11-2 *MDS-Specific*, Volume 1, MAJCOM/DOs are the waiver authority for specific aircrew training requirements. (MAJCOM/DO, as used throughout this publication, includes equivalent designations, such as A3, XO, and other designations that may be in use in various commands.)

1.2. (AFMC) Waivers to the basic guidance outlined in the AFI and this supplement will be routed through appropriate training channels to flying unit commanders, and intermediate level training offices prior to submission to HQ AFMC/DOV. HQ AFMC/DOV will forward requests for waivers to basic guidance to the appropriate agency for action. HQ AFMC/DOV is waiver authority for this supplement. AFMC flying units may supplement only AFI 11-2FT Volume 1, *Flight Test Aircrew Training*, to incorporate additional aircrew training requirements. Send unit supplements via email to HQ AFMC/DOV for review and approval prior to publication.

1.3. **Use of Flying Hours.** Use training hours in a manner that demonstrates good stewardship of appropriated funds. Justify dedicated flying hours on the basis of accomplishing peacetime missions and/or maintaining wartime readiness. Structure each training mission to achieve optimum training. Personnel, at all levels, should prevent the misuse or the perception of misuse of Air Force resources.

**1.4. Responsibilities:**

**1.4.1. HQ USAF/XOO:**

1.4.1.1. Sets policy and guides the conduct and execution of the aircrew training program.

1.4.1.2. Delegates office of primary responsibility (OPR) for this instruction to HQ USAF/XOOT.

1.4.1.3. Monitors and reviews MAJCOM programs ensuring MAJCOM policies, guidance and instruction supplements are adequate.

1.4.1.4. Through HQ USAF/XOOT, hosts biennial, or as required, training conference to assist in maintaining appropriate commonality in lead command training programs.

1.4.1.5. Through HQ USAF/XOOT, implements Flying Training Concept of Operations (CONOPS). Annually releases Undergraduate and Graduate PGLs capturing approved training requirements across the Future Years Defense Program (FYDP).

1.4.1.6. Through HQ USAF/XOOT, hosts annual Programmed Flying Training (PFT) conferences in coordination with lead training commands. Identifies Flying Training Unit (FTU) shortfalls to HQ USAF/XO and AF corporate structure. Training commands will conduct PFT conferences. The purpose of PFT conferences are to capture inputs from Air Staff, AFPC, lead and user MAJCOMs, and other users in the allocation of training quotas. The conference goal is to publish a consolidated PFT pamphlet that fulfills maximum total force training requirements within programmed capacity. Training MAJCOMs maintain quota allocation and management responsibilities.

1.4.2. **MAJCOMs.** MAJCOMs will establish an aircrew training office responsible for the overall management of the command's aircrew training program. Air National Guard (ANG) and USAF Academy (USAF A) are considered MAJCOMs for purposes of this instruction.

1.4.2. (AFMC) HQ AFMC/DOV is responsible for the overall management of AFMC's aircrew training program.

1.4.2.1. **Theater Indoctrination Training.** MAJCOMs will develop theater indoctrination training and ensure aircrews are trained for specific theater flight operations. As a minimum, this training will include a thorough review of theater unique instrument requirements and procedures, the use of non-DOD instrument approach procedures, required instrumentation for specific approaches, theater weather conditions, local area procedures, and host nation agreements.

1.4.2.1. (AFMC) AFMC Theater Indoctrination Training requirements are specified in AFI 11-2FT Volume 1.

1.4.2.2. **Recall Procedures.** MAJCOMs will notify training command headquarters and training units prior to recalling a student from a formal school course. Students will not be recalled to prevent initiation of any actions associated with unsatisfactory performance. Recalling a student may be done only for reasons other than performance, i.e., emergencies, unforeseen delays in training, etc. ANG units will request approval from ANG/XOT if there is a need to recall a student; if the request is approved, ANG/XOT will notify ANG/DPDF, training command headquarters, and the training unit prior to recall.

1.4.2.3. **Lead Command MAJCOM.** AFRD 10-9, *Lead Operating Command Weapon System Management*, establishes a lead command MAJCOM and user commands for each MDS. See also AFRD 10-21, *Air Mobility Lead Command Roles and Responsibilities*, for Mobility Air Forces (MAF) command responsibilities.

1.4.2.3.1. **AFI 11-2 MDS-Specific, Volume 1.** The lead command MAJCOM, in coordination with user commands, will develop and manage their appropriate AFI 11-2 *MDS-Specific*, Volume 1, to standardize aircrew ground and flying training requirements, regardless of mission designation and command of assignment. *MDS-Specific* Volume 1s may be more but not less restrictive than this instruction. If a conflict is identified between

an AFI 11-2 *MDS-Specific* Volume 1 and another AFI, comply with the *MDS-Specific* Volume 1 and notify the *MDS-Specific* Volume 1 OPR for resolution. **NOTE:** Does not apply to conflicts with AFI 11-202 lead volumes; see paragraph 1. . Unresolved differences between lead and user commands will be elevated to HQ USAF/XO for final resolution.

1.4.2.3.1. (AFMC) AFMC publishes a three-volume set of Flight Test (FT) instructions containing attachments for each weapon system flown in AFMC. These instructions are numbered AFI 11-2FT Volume 1, 2, and 3, and will contain the training, evaluation criteria, and operations procedures, respectively, for each weapon system. AFMC uses these instructions in lieu of AFI 11-2 *MDS-Specific* volumes for flying operations. In the absence of published guidance AFMC units will coordinate with HQ AFMC/DOV for approval of locally developed guidelines. These guidelines should be consistent with similar guidance specified in the appropriate AFI 11-2. *MDS-Specific* volumes. In addition, aircraft on loan to AFMC undergoing short-term flight test programs will be flown according to the lead MAJCOM guidance if no AFMC guidance exists.

1.4.2.3.2. **MDS-Specific Training Conference.** Lead commands will host a MDS-specific training conference biennially, or more frequently if required. The training conference reviews all training programs for currency, applicability, compliance and effectiveness, and addresses issues in AFI 11-2 *MDS-Specific*, Volume 1. Attendees should include training representatives from user commands, formal schools, numbered Air Force (NAF) training and standardization offices (if applicable), selected unit representatives, and Aircrew Training System (ATS) contractors.

1.4.2.3.2. (AFMC) AFMC hosts a training conference annually in conjunction with the annual HQ AFMC flight operations conference.

1.4.2.3.3. **Program Requirements Document (PRD).** Lead commands, in conjunction with user commands and other users, will determine total force training requirements across the FYDP. Forward requirements annually to HQ USAF/XOOT, via the Program Requirements Document (PRD), for validation and inclusion in the Undergraduate and Graduate PGLs.

1.4.2.3.3. (AFMC) HQ AFMC/DOV provides inputs annually to HQ USAF/XOOT for validation and inclusion in the Graduate Program Guidance Letter (GPGL) as necessary.

1.4.2.3.3.1. (Added-AFMC) AFMC units will provide HQ AFMC/DOV an annual forecast for Programmed Flying Training requirements. This forecast will include requirements for the next fiscal year and are due by the end of May each calendar year.

1.4.2.3.4. **Night Vision Goggles (NVG) Training.** Lead commands, in coordination with user commands, will develop MDS-specific NVG training programs that emphasize sound night operations using NVGs, address common NVG hazards, weapons specific NVG capabilities, and the limitations involved in night low-level NVG-aided operations and ensure appropriate aircrews are properly trained.

1.4.2.3.4.1. All initial NVG ground training will be conducted by AFRL/AETC/AATTC certified instructors or NVG qualified WIC graduates only. In addition, AF-approved courseware will be the standard for initial aircrew ground training academics. Once NVG qualified, all aviators will obtain recurring (not to exceed 17 months) NVG academic refresher training from an NVG qualified instructor.

1.4.2.3.4.2. Initial ground training academics will include, but are not limited to, eye physiology, illumination, night vision device components, NVG adjustment and assessment procedures, misperceptions and illusions, environmental factors and night operations mission planning.

1.4.2.3.4.3. Initial flight training events will include, but are not limited to, confidence and defensive maneuvers, basic/tactical formation positions, aircraft preparation, goggle/de-goggle procedures, aircraft lighting demo, active instrument crosscheck, illumination levels, departure/arrival procedures, malfunction procedures, and Controlled Flight into Terrain (CFIT) avoidance.

**NOTE:** Recurring NVG training will be taught separately from the recurring Instrument Refresher Course (IRC) and will not be credited toward any part of IRC training. If the MAJCOM elects to use the IRC forum for NVG training, additional time must be allocated to fulfill NVG requirements.

1.4.2.3.4. (AFMC) AFMC Night Vision Goggles (NVG) training requirements are specified in AFI 11-2FT Volume 1.

1.4.2.3.5. **Aircrew Graduate Evaluation Program.** MAJCOMs ensure formal school post-graduate evaluations are accomplished. If the aircrew member completed training through an AETC formal undergraduate or graduate flying training program, the primary instructor or gaining supervisor, whichever is appropriate, will complete the aircrew graduate evaluation survey found through the Aircrew Graduate Evaluation Program link on the HQ AETC/DO website. The instructor or supervisor will complete the survey at the specified point in the training syllabus or when notified the survey is required.

1.4.2.4. **Training Command MAJCOM.** The training command is the command tasked with providing formal training.

1.4.2.4.1. **Formal School Courses.** The training command, in coordination with lead commands and program managers, approves formal school courses and syllabi. These courses and syllabi should be developed to support the Air Force Mission Essential Task List. Send proposals for amending existing course prerequisites and syllabi or deleting obsolete courses through the appropriate headquarters to the training command for approval. The training command will process the approved changes in coordination with the Air Force Education and Training Course Announcement (ETCA) OPR. Access the ETCA web site at <https://etca.randolph.af.mil>.

1.4.2.4.2. **Formal Course Review (FCR).** Training commands will host FCRs biennially, or more frequently if required. The FCR will review formal training programs and syllabi for currency, applicability, compliance and effectiveness. Attendees should include program managers from lead commands, training representatives from user commands, curriculum developers, formal schools, NAF training and standardization offices (if applicable), selected unit representatives, and ATS contractors.

1.4.2.4.3. **Progress Review (PR).** Training commands will outline procedures for a PR to be accomplished when a student fails to progress according to syllabus requirements. The PR can recommend continuation in training or AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*, action, e.g., a Flying Evaluation Board (FEB) or Aircrew Evaluation Board (AEB). If the recommendation is to continue training, then the PR will determine the extent of additional training.

**1.4.3. Formal School - Aircrew Training System (ATS) Contractor.** Develops, updates, and maintains courseware and training syllabi and performs task and media analysis associated with aircrew qualification training per AFI 36-2201, Volume 1, *Training Development, Delivery, and Evaluation*; AFI 36-2251, *Management of Air Force Training Systems*; and AFMAN 36-2234, *Instructional System Development*; and consistent with the applicable ATS contract (see applicable AFI 11-2 *MDS-Specific*, Volume 1).

**1.4.4. Formal School - Non-ATS.** The training command develops, updates, and maintains courseware and training syllabi; performs task and media analysis associated with aircrew qualification training per AFI 36-2201 Volume 1, AFI 36-2251, and AFMAN 36-2234, and is the approving authority for these courses (coordinate with the lead command if different than the training command).

**1.5. In-Unit Training Time Limitations.** Aircrew members entered in an in-unit training program leading to qualification or requalification will be dedicated to that program; i.e., give training requirements priority over non-training related duties. **EXCEPTION:** Supervisory personnel may continue their normal duties as time permits. Training time limitations for qualification training completion is contained in applicable MDS-Specific, Volume 1s. In-unit training will begin no later than 45 days (90 days for the Air Reserve Component (ARC)) after reporting to a new duty station or unit, unless waived by MAJCOM.

#### **1.6. Recurrency Training.**

**1.6.1. Loss of Currency up to 6 Months.** An aircrew member must demonstrate proficiency with an instructor (or designated supervisor, when specified in the applicable AFI 11-2 *MDS-Specific*, Volume 1) in all delinquent items (such as landings 1). Designated supervisors, if applicable, will be clearly established in AFI 11-2 *MDS-Specific*, Volume 1.

**1.6.2. Loss of Currency Exceeding 6 Months.** AFI 11-2 *MDS-Specific*, Volume 1, will establish which currency items result in unqualified status requiring requalification according to paragraph **1.7.** and which currency items do not result in unqualified status allowing recurrency to be regained according to paragraph **1.6.1.**

**1.6.2. (AFMC)** Crewmembers will be unqualified if any event listed in AFI 11-2FT Volume 1, Table 7, is not completed within 180 days of going non-current. The AFI 11-2FT Volume 1 MDS-specific attachments may specify other training items that would result in unqualified status if not completed.

**1.7. Requalification Training.** An aircrew member is unqualified upon expiration of his or her qualification evaluation, loss of currency exceeding 6 months (for currency items specified in applicable AFI 11-2 *MDS-Specific*, Volume 1, according to paragraph **1.6.2.** ), or completion of a qualification evaluation in a different MDS (**EXCEPTION:** multiple qualification, see paragraph **2.7.** ), whichever occurs first. The duration of unqualified time is from the date the aircrew member became unqualified until the specific retraining start date. For aircrew members who are not authorized qualification in more than one MDS and who complete a qualification evaluation in a different MDS, members must complete requalification training as specified below to regain qualification in the original MDS. For all aircrew members, except flight surgeons, unless made more restrictive in AFI 11-2 *MDS-Specific*, Volume 1, requalification requirements are as follows:

**1.7.1. Unqualified up to 2 Years.** Complete training in all delinquent items (as applicable), additional training as directed by the squadron commander, and a flight evaluation.



1.7.1. (AFMC) The training office will highlight the required training items on the applicable AFMC Forms 67 and 68 and submit the training plan to the squadron commander for approval. Document this approval in the crewmember's training folder.

1.7.2. **Unqualified 2 to 5 Years.** Complete appropriate ETCA requalification academic course, in-unit or formal school flying training, and a flight evaluation. When the requalification academic course is not practical or quotas are not available, units will request waivers as specified in the applicable AFI 11-2 *MDS-Specific*, Volume 1 to conduct in-unit training using formal school courseware.

1.7.2. (AFMC) If the requalification course is impractical, or if a training allocation cannot be acquired, or if formal school courseware cannot be obtained, the unit will submit a training plan to HQ AFMC/DOV for approval. If an ETCA requalification course does not exist, the unit may train crewmembers using guidance published in AFI 11-2FT Volume 1.

1.7.3. **Unqualified Over 5 Years.** Complete the appropriate ETCA formal initial qualification course. Waiver authority to complete the ETCA formal requalification course in lieu of the initial qualification course is MAJCOM/DOT (or equivalent).

1.7.3. (AFMC) If an ETCA initial qualification course does not exist, the unit may train crewmembers using guidance published in AFI 11-2FT Volume 1 MDS-specific attachments or submit a training plan to HQ AFMC/DOV for approval. Waiver authority to complete the ETCA formal requalification course in lieu of the initial qualification course is HQ AFMC/DOV.

1.7.4. **Instructor Requalification.** Instructor requalification requirements will be as specified in AFI 11-2 *MDS-Specific*, Volume 1.

1.8. **Introductory Flight Training (IFT) and Navigator Introductory Flight Training (NIFT).** Pilot and navigator candidates will complete IFT or NIFT, respectively, before beginning SUPT or SUNT. IFT and NIFT will be conducted according to HQ AETC instructions and approved syllabuses. To ensure a ready supply and smooth flow of candidates into SUPT and SUNT, pilot and navigator candidates will begin IFT or NIFT as soon as possible after arriving at their first assignment. Additionally, the completion of IFT or NIFT will be the top priority for these officers, and leave, TDY, and additional duties will be secondary.

1.9. **Active Duty Service Commitment (ADSC).** For ADSCs for aircrew training, see AFI 36-2107, *Active Duty Service Commitments*.

1.10. **Reserve Service Commitment (RSC).** For RSCs for aircrew training, see AFRCI 36-2102, *Reserve Service Commitment*.

**2. Initial Qualification Training.** An aircrew member engaged in training needed to qualify for basic aircrew duties in an assigned position for a specific aircraft, without regard for the unit's operational mission. This section specifies minimum training requirements for initial qualification, requalification, conversion/difference qualification, senior officer qualification, and flight surgeon training.

2.1. **General Requirements.** Unless specified in applicable AFI 11-2 *MDS-Specific*, Volume 1, the primary method of initial qualification is to attend and complete the appropriate formal training course listed in ETCA. Completing the appropriate formal course satisfies all basic qualification training requirements. When attendance is not practical or quotas are not available, units will request waiv-



ers as specified in the applicable AFI 11-2 *MDS-Specific*, Volume 1 to conduct in-unit qualification training, using formal school courseware (see paragraph 1.5. ).

2.1. (AFMC) Coordinate formal aircrew training and other flying training requests through HQ AFMC/DOV and the local MPF.

2.2. **Initial Qualification Training Prerequisites.** Before entering qualification training, each aircrew member must comply with the appropriate formal course training prerequisites prescribed in ETCA. In addition, all personnel maintaining flying status will meet the following requirements before flying:

2.2.1. **Physical Examinations.** Complete flight physical examinations according to AFI 48-123, *Medical Examinations and Standards*. Aircrew members who fail to successfully complete the flight physical may not perform inflight duties until they successfully complete the examination. For further action to be taken on personnel who fail to complete the required flight physical examination when due, see AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*.

2.2.2. **Physiological Training.** Complete physiological training according to AFI 11-403, *Aerospace Physiological Training Program*.

2.2.2.1. Requirements are waived for personnel assigned to inactive flying status codes (FSC) “J” “K” and “L” (except individuals selected for indoctrination flying, FSC “T”). Requirements are also waived for personnel performing Remotely Piloted Aircraft (RPA) ground control station aircrew duties (FSC “V” and “Z”). Requalification is completed according to AFI 11-403.

2.2.2.2. Personnel who perform flying duty in other than their rated specialty (for example, airborne command post duty) must maintain currency in physiological training.

2.2.2.3. Do not schedule personnel who are delinquent in physiological training to fly.

2.3. **Ground Training Requirements.** For in-unit qualification training, commanders will obtain and use the current formal school courseware, if available.

2.3.1. **Academic Training.** Accomplish academic training requirements as directed in applicable courseware.

2.3.1. (AFMC) Crewmembers will complete the ground training (i.e. simulators, CBTs, aircraft systems, etc.) as prescribed in the ETCA formal school courseware or AFI 11-2FT Volume 1 MDS-specific attachments, if in-unit qualification training is approved, before beginning flying training.

2.3.2. **Written Examinations.** Satisfy requirements of AFI 11-202, Volume 2, *Aircrew Standardization/Evaluation Program*, and applicable AFI 11-2 *MDS-Specific*, Volume 2.

2.3.3. **Egress, Life Support and Survival, Evasion, Resistance, and Escape (SERE).** Ejection seat (where applicable), egress and aircrew life support, and SERE training must be completed before the first flight according to AFI 11-2 *MDS-Specific*, Volume 1, and AFI 11-301, Volume 1, *Aircrew Life Support Program*, and AFI 16-1301, *Survival, Evasion, Resistance, and Escape Program* (pending). (N/A for RPA aircrew.)

2.3.3. (AFMC) This training must be completed IAW AFI 11-2FT, Volume 1, guidance and will be conducted IAW AFI 11-301, *Life Support Program*, AFMC supplement 1 and AFI 16-1301, *Survival, Evasion, Resistance, and Escape Program (pending)*.

2.3.4. **Ground Training.** Applicable ground training (i.e., simulators, aircraft systems, etc.) accomplished at the formal school establishes due dates for subsequent continuation training. If completion dates are unknown, use the date on the formal school generated AF Form 8, **Certificate of Aircrew Qualification**.

2.3.4. (AFMC) Applicable ground training (i.e., simulators, CBTs, aircraft systems, etc.) accomplished during in-unit training establishes due dates for subsequent continuation training. If completion dates are unknown, use the date on the generated AF Form 8 or the date on the AF Form 1381.

2.4. **Flying Training Requirements.** Approved in-unit training must be accomplished according to applicable formal school courseware and the following guidance:

2.4.1. Flying training lessons should be completed in order; however, if mission scheduling or student progress dictates otherwise, the unit commander or designated training supervisor may change the order.

2.4.2. There should be a minimum time lapse between training missions and every effort should be made to complete qualification training requirements within the prescribed time period.

2.4.3. With operations group commander (or equivalent) approval, upgrade and special qualification training requirements may be completed during operational missions under the supervision of an instructor of like specialty. Comply with restrictions in appropriate AFI 11-2 *MDS-Specific*, Volume 1, MAJCOM directives, and applicable operation order (OPORD).

2.5. **Requalification.** Requalification training requirements will be established in AFI 11-2 *MDS-Specific*, Volume 1 and be in accordance with paragraph 1.7. of this instruction.

2.5. (AFMC) Ground and flying requalification training will be completed IAW AFI 11-202, Volume 1, this supplement, and AFI 11-2FT, Volume 1, and the MDS-specific attachment.

2.6. **Conversion/Difference Qualification.** Conversion qualification is normally associated with training between MDSs. Difference qualification is normally conducted when training in a different series aircraft in the same MDS. However, when the differences between series are great enough, the training is considered conversion training that requires completion of the formal school initial qualification course. Conversion and difference qualification training requirements will be established in AFI 11-2 *MDS-Specific*, Volume 1. For unit conversions, when formal school courses are not available to handle the throughput, MAJCOMs will develop, and coordinate with the training command, in-unit training plans that maximize use of highly experienced personnel as the initial cadre.

2.6. (AFMC) AFMC Conversion/Difference Qualification requirements are specified in AFI 11-2FT Volume 1.

2.7. **Multiple Qualification.** MAJCOMs may authorize qualification in more than one MDS aircraft for crewmembers only when such action is directed by command mission requirements and is economically justifiable. This authority cannot be delegated below MAJCOM level, except HQ AFMC, which may further delegate, but not lower than wing commander. (Does not apply to aircrew members selected for reassignment to another MDS who attend training prior to PCS. See also paragraph 1.6. )

Unless required for unit mission accomplishment, commanders must not permit aircrew members qualified in primary mission aircraft to maintain qualification in support aircraft. For flight surgeons, see paragraph 2.9.

2.7.1. General officers will only maintain qualification in a single MDS. Difference qualification in variants of the same MDS is authorized, but is not permitted when qualification involves formal conversion training, IAW *MDS-Specific* AFIs. Aircraft qualification will include instrument qualification and an AF Form 8 flight evaluation.

2.7.2. Waiver authority for general officer multiple qualification requirements is AF/CC, IAW AF/CV message, "General Officer Flying," 091724Z Apr 04.

**2.8. Senior Officer Qualification and Performance Requirements.** Senior officers (colonel selects and above) whose position requires operational flying will complete the appropriate formal training course unless already qualified. A senior officer course that does not result in an AF Form 8 flight evaluation will not permit unsupervised flying. In addition, senior officers will comply with paragraph 4.1.4. of this instruction. **NOTE:** All senior officers must complete a formal training course qualification program (AF Form 8 flight evaluation) prior to flying an aircraft with passengers on board. Exceptions to this policy must be approved by HQ USAF/XO (colonels and colonel selects); exceptions for general officers must be approved by AF/CC, IAW AF/CV message, "General Officer Flying," 091724Z Apr 04.

2.8.1. General officers in commander billets may fly without an instructor in their primary assigned aircraft if they are current and qualified (Mission Ready [MR]/Combat Mission Ready [CMR] or Basic Mission Capable [BMC]) according to the applicable AFI 11-2 *MDS-Specific*, Volume 1.

2.8.2. All other general officers and general officer commanders maintaining Basic Aircraft Qualification (BAQ) or less, must fly with an instructor.

2.8.3. General officers flying in single-place aircraft are limited to CSAF, commanders, MAJCOM directors of operations, and numbered Air Force vice commanders. General officers maintaining basic aircraft qualification (BAQ) in single-place aircraft require an instructor pilot in the flight.

2.8.4. Except for CSAF, HQ USAF/CV, MAJCOM commanders (or equivalents), and Unified Command commanders (when filled by a USAF general officer), general officers who are in operational flying status and who do not directly oversee Operational Support Airlift (OSA) aircraft operations should not fly OSA aircraft. MAJCOM commanders may develop further OSA guidelines as necessary.

2.8.5. As a minimum, CSAF and HQ USAF/CV will maintain BAQ in their assigned aircraft. Minimum and maximum sortie rates do not apply.

2.8.6. Unless further restricted by AFI 11-2 *MDS-Specific*, Volume 1, colonels and colonel selects who comply with paragraph 2.8. may fly without an instructor in their primary assigned aircraft.

2.8.6.1. (Added-AFMC) Unless further restricted by AFI 11-2FT Volume 1 MDS-Specific attachments, Test pilots who comply with AFI 11-202, Volume 1, paragraph 2.8, may fly without an instructor in their primary assigned aircraft.

2.8.7. MAJCOMs establish additional guidelines and flight requirements as necessary.

2.8.8. Test pilots of any rank assigned to AFMC, AFMC civilian employees who have previously graduated from a military test pilot school (or equivalent), and Aggressor and Thunderbird selectees (with MAJCOM concurrence), may attend senior officer qualification training courses.

2.8.8. (AFMC) AFMC test pilots attending ETCA senior officer courses will follow guidance outlined in AFI 11-2FT Volume 1.

2.9. **Flight Surgeons.** Will complete the minimum requirements in paragraph 4.1.4. In addition, the following guidance applies to flight surgeons: in lieu of the flight evaluation, complete a written qualification examination administered by the standardization and evaluation (or equivalent) function of the flying unit to which they are assigned/attached; accomplish ejection seat (if required) and aircraft ground egress training in each aircraft in which they fly; be thoroughly briefed on emergency exits and egress procedures prior to flying on any aircraft; and complete flight currency events according to paragraph 4.12. Flight surgeons are authorized multiple qualification.

**3. Mission Qualification Training.** An aircrew member engaged in training needed to qualify in an assigned aircrew position to perform the command or unit mission. AFI 11-2 *MDS-Specific*, Volume 1 prescribes minimum training requirements to qualify individuals in unit missions. All crew members will complete mission qualification before entering special mission (e.g., Special Operations Low Level (SOLL) II, etc.) qualification or upgrade training, unless the special mission training is specifically directed as pre-mission qualification training in AFI 11-2 *MDS-Specific*, Volume 1, e.g., LANTIRN training.

**3. (AFMC) Mission Qualification Training.** AFI 11-2FT Volume 1 and its MDS-specific attachments contain training guidance for most missions in AFMC. In the absence of guidance for a particular unit mission, flying units will establish requirements necessary to qualify all aircrew in the applicable mission. Forward Phase II mission-training plans to HQ AFMC/DOV for approval.

**4. Continuation Training.** The continuation training program provides crew members with the volume, frequency, and mix of training necessary to maintain proficiency in the assigned qualification level.

**4. (AFMC) Continuation Training.** If not established in the AFI 11-2FT Volume 1 or its MDS-specific attachments, flying units will establish mission proficiency, currency, re-currency, and requalification training requirements for all unit missions.

4.1. **Aircrew Status.** An aircrew member may be assigned Mission Ready/Combat Mission Ready, Basic Mission Capable, or Basic Aircraft Qualification status.

4.1. (AFMC) In AFMC, all crewmembers are either MR or BAQ, except for General Officers. General Officers will maintain the BMC category. BAQ crewmembers are those individuals who have completed phase I qualification training, but have not completed mission training. Upon completing phase II mission training, MR status will be awarded.

4.1.1. **Mission Ready/Combat Mission Ready (MR/CMR).**

4.1.1.1. Mission Ready (MR). An aircrew member who has satisfactorily completed mission qualification training and maintains qualification and proficiency in the command or unit operational mission.

4.1.1.2. Combat Mission Ready (CMR). An aircrew member who has satisfactorily completed mission qualification training and maintains qualification and proficiency in the com-

mand or unit combat mission.

4.1.2. **Basic Mission Capable (BMC).** An aircrew member who has satisfactorily completed mission qualification training, is qualified in some aspect of the unit mission, but does not maintain MR/CMR status. The aircrew member must be able to attain full qualification to meet operational taskings within 30 days, or otherwise specified in the applicable MDS-Specific, Volume 1.

4.1.2. (AFMC) General Officers will maintain BMC requirements that are defined as 50% of the requirements listed in AFI 11-2FT Volume 1, Table 8.

4.1.3. **Basic Aircraft Qualification (BAQ).** An aircrew member who has satisfactorily completed initial qualification training and is qualified to perform aircrew duties in the unit aircraft. The member must perform at the minimum frequency necessary to meet the most recent sortie and flight standards set for that weapon system in the applicable MDS-Specific, Volume 1.

4.1.4. **Minimum Requirements.** In addition to the above, MR/CMR, BMC, and BAQ aircrew members must have accomplished and/or maintain the following minimum requirements (*NOTE*: an asterisk [\*] indicates requirement is a grounding item):

4.1.4.1. \*Annual physical according to AFI 48-123, *Medical Examinations and Standards*.

4.1.4.2. \*Physiological training (N/A for RPA aircrew) according to AFI 11-403, *Aerospace Physiological Training Program*.

4.1.4.3. Cockpit/Crew Resource Management (CRM) training, according to AFI 11-290, *Cockpit/Crew Resource Management Training Program*, and *MDS-Specific*, Volume 1 (Flight surgeons: CRM is a one-time requirement in the primary assigned aircraft unless required to perform Aeromedical Evacuation (AE) duties. Flight surgeons required to perform AE duties will accomplish CRM refresher training IAW AFI 11-2AE Vol 1, *Aeromedical Evacuation Aircrew Training*.)

4.1.4.3. (AFMC) AFMC crewmembers will follow CRM guidance outlined in AFI 11-290/AFMC S1.

4.1.4.4. Life support equipment and procedures, and SERE training according to AFI 11-301, Volume 1 and AFI 16-1301, *Survival, Evasion, Resistance, and Escape Program* (pending).

4.1.4.4. (AFMC) AFMC crewmembers will follow guidance outlined in AFI 11-301, AFMC supplement 1, AFI 11-2FT Volume 1 and AFI 16-1301, *Survival, Evasion, Resistance, Escape Program* (pending).

4.1.4.5. Flight evaluation.

4.1.4.6. Flight currency events, except special mission qualifications that do not affect the wartime mission.

4.1.4.7. Instrument Refresher Course according to AFMAN 11-210, *Instrument Refresher Course (IRC) Program*, (all pilots that fly under instrument flight rules and navigators with flight instruments at their station).

4.1.4.8. \*Ejection seat (where applicable) and ground egress training (N/A for RPA operators).

## 4.2. Responsibilities:

4.2.1. **MAJCOM.** MAJCOMs will determine unit of attachment for higher headquarters attached staff personnel in flying positions.

4.2.2. **Squadron Commander.** The squadron commander or designated representative will ensure individuals receive training to successfully complete unit missions and maintain individual proficiency. The squadron commander will also determine the training level of each assigned crew member, when not prescribed by MAJCOM.

4.2.3. **Aircrew Members.**

Each aircrew member is responsible for monitoring and completing all training requirements.

4.3. **Training Events/Profiles.** Aircrew members' continuation and additional (ground) training events/profiles are maintained in ARMS. Commanders have the option of monitoring AF-wide awareness training (e.g. Resource Protection) for aircrew members in ARMS. **NOTE:** Do not use ARMS to track training for non-flying individuals.

4.3.1. Use the following forms when documenting aircrew training in ARMS (If additional forms are needed, see AFI 33-360, Volume 2, *Forms Management Program*, for guidance):

4.3.1. (AFMC) Electronically generated forms are authorized in place of AF Form 3526 for continuation (flying) training events. Electronically generated forms are authorized in place of AF Form 1522 to document ground training events. Maintain these documents, as a minimum, for the current half and previous semi-annual training period.

4.3.1.1. Additional Training. Use AF Form 1522, **ARMS Additional Training Accomplishment Report**, to document aircrew ground training for processing into ARMS. Training events taught by other agencies (e.g. small arms) as well as grounding events (e.g. ground egress training) must be documented on the AF Form 1522. In either case, an instructor, designated in writing to perform such training, must certify training accomplishment. AF Form 1522 may be used to document training accomplished by a single individual when no instructor is involved (e.g. computer based training). In this case, the IMT may be emailed directly from the individual's official email account to an ARMS individual's official email account. The ARMS member will maintain an electronic copy of the email and IMT as a source document. Events that do not require a formal course of instruction (e.g. SOF duties) may be documented on a locally developed mission accomplishment report for processing into ARMS. Locally developed forms must contain the minimum elements found on the AF Form 1522, with the exception of instructor certification. Refer to AFI 33-360, Volume 2, for additional guidance.

4.3.1.2. Continuation Training. MAJCOMs will establish specific criteria and forms for documenting continuation training. With MAJCOM approval, units may develop local mission accomplishment reports and/or training accomplishment reports to document continuation training for processing into ARMS. MAJCOMs will establish minimum elements required for locally developed forms. **NOTE:** Forms generated from AF-approved automated systems (e.g. ARMS, TASAMS) may be used in lieu of MAJCOM/local forms for processing training into ARMS, provided these forms have the minimum elements required by AF or by the MAJCOM.

4.3.2. (Added-AFMC) Document completion of semiannual proficiency flying training accomplishments and keep records for 6 months following the close of the semiannual period. If Avia-

tion Resource Management System (ARMS) is used, retain a product that meets this requirement. The AFMC continuation training program and requirements are set up for a 6-month training period based on the fiscal year calendar. Unit training officer will provide squadron leadership with quarterly training progress reviews.

**4.4. Currency.** Currency requirements for aircrew members are listed in AFI 11-2 *MDS-Specific*, Volume 1.

4.4. (AFMC) Crewmembers will maintain flying currency and proficiency in their assigned aircraft and crew position by accomplishing the minimum requirements outlined in AFI 11-2FT Volume 1.

4.4.1. MAJCOMs determine similar equipment or systems for aircrew members who fly more than one mission or design aircraft.

4.4.1. (AFMC) AFMC guidance for similar equipment or systems is established in AFI 11-2FT Volume 1 and the applicable MDS-specific attachments.

4.4.2. MAJCOM/DOs may waive currency requirements for aircraft that are unique to an organization when accomplishment is not practical. In such cases, commanders ensure that aircrew members are current and qualified in all normal and emergency procedures before unsupervised flight.

**4.5. Proration of Training.** When determining training requirements, prorate an aircrew member not available for flying duties (for example, PCS, nonflying TDY, duty not involving flying [DNIF] status, or emergency leave). Requirements prorated are in direct proportion to the number of days of non-availability. Do not prorate for nonavailability of 15 days or less. For every 30 days beyond 15 days, prorate training requirements one month, but not to less than one event. Additional proration guidance may be established by aircraft in each *MDS-Specific*, Volume 1.

4.5. (AFMC) Additional proration of training guidance for AFMC flying units is established in AFI 11-2FT Volume 1.

**4.6. Failure to Complete Continuation Training Requirements.**

4.6.1. Declare individuals in Status of Resources and Training System (SORTS) non-mission ready (NMR), non-combat mission ready (N-CMR), non-basic mission capable (N-BMC), or non-basic aircraft qualified (N-BAQ) if they fail to complete periodic ground or flying continuation training requirements as defined in AFI 11-2 *MDS-Specific*, Volume 1 instructions. Waiver requirements and waiver authorities will be specified in AFI 11-2 *MDS-Specific*, Volume 1 instructions.

4.6.2. Failure to accomplish recurring ejection seat (where applicable) and ground egress training, flight physical, or physiological training results in immediate grounding until the training is accomplished.

4.6.3. Suspend aircrew members assigned to active flying positions who fail to attain and maintain aircrew qualification, when such action is with the member's control, IAW AFI 11-402.

4.6.4. (Added-AFMC) The Director of Flight Operations (DFO) will review individual crewmember reasons for non-completion of all proficiency flying training requirements and determine if any additional training is required. Crewmembers will fly with an instructor in delinquent events until the squadron commander has certified the applicable training has been accomplished. Documentation of this review and any additional training accomplished will be filed for 6 months fol-



lowing the close of the semiannual training period. E-mail an information copy to the Chief, Aircrew Training at HQ AFMC/DOV.

**4.7. Requirements Before PCS or TDY by Members on Active Flying Status.** This paragraph applies to flying personnel departing PCS from their old station or TDY from their permanent station.

4.7.1. Aircrew members should complete a proportionate share of flying requirements by the end of the month preceding the date of departure for PCS or non-flying TDY.

4.7.2. Complete physical examination and physiological training requirements before departing PCS or TDY, if the due date occurs within three months after departure date (CONUS assignments), or prior to DEROS (overseas assignments). For overseas assignments, physiological training currency must cover the duration of the assignment. For flight evaluation requirements in conjunction with PCS/TDY moves, see AFI 11-202, Volume 2. Air University graduating students may delay physiological refresher training until they arrive at their new duty location or formal flying training base, if the assigned base is one of the locations with physiological training facilities.

**4.8. Requirements Before Removal from Active Flying.** This paragraph applies to flying personnel being retired, separated, placed in inactive status, or reassigned to nonflying positions.

4.8.1. Training requirements apply until the last day of the fourth month prior to an individual's removal from active flying. For example, a person who retires or starts terminal leave on 1 July must complete requirements through 31 March; or, if a person is reassigned to a nonflying position on 15 November, he must complete requirements through 31 July.

4.8.2. Refresher physiological training and academic refresher courses are not required if individuals on active flying status are current, and if removal from active flying status occurs during the 4-month period after the due date.

**4.9. Requirements While in Inactive Flying Status.** Personnel placed in inactive status will not complete the aircrew, flying, and physiological training requirements of this instruction. Physical qualification must be maintained according to AFI 48-123, except for flying personnel in aviation service codes 6J, 7J, 8J, and 9J, GJ and HJ. When inactive members have been selected and confirmed for assignment to aircrew duties, these individuals must regain currency in physical and physiological training before performing inflight duties. Individuals will regain their physical qualification prior to PCS/ PCA to an active flying assignment.

**4.10. Retraining.** Personnel retraining in another type aircraft will incur an ADSC per AFI 36-2107.

**4.11. Aircrews Flying in Non-US Air Force Aircraft and with Non-US Air Force Units.** Air Force aircrews performing appropriate duties in non-US Air Force aircraft IAW AFI 11-401, *Aviation Management*, or on duty with or attached to non-US Air Force units for flying, are only required to maintain a current physical and review their flight records IAW AFI 11-401. They are not required to maintain currency in USAF physiological training.

**4.12. Flight Surgeon Requirements.** Flight surgeon flying requirements are according to the appropriate *MDS-Specific*, Volume 1, but in no case are they less than those in [Table 1](#). Give assigned and attached flight surgeons every opportunity to fly in the unit's primary mission aircraft. Flight surgeons must fly at least 50 percent of their annual minimum requirements in primary unit aircraft unless assigned or attached to operational units equipped only with single place aircraft or deployed away

from their primary unit for more than 90 days. Waiver authority for this paragraph is AFMSA/SGPA (send info copy to HQ USAF/XOOT and appropriate MAJCOM/ SG office).

4.12. (AFMC) Additional flight surgeon flying requirements are established in AFI 11-2FT Volume 1.

**Table 1. Flight Surgeon Sorties/Training Requirements (See Notes).**

| Sortie | Semi-Annual Period | Annual Sorties |
|--------|--------------------|----------------|
| Total  | Minimum: 6         | Minimum: 12    |
| Night  | Minimum: 1         | Minimum: 2     |

**NOTES:**

1. Flight surgeons may log more than one sortie per day; however, no more than one sortie per single calendar day will be credited towards semi-annual and annual sortie requirements in **Table 1**. (Credit hours flown IAW AFI 11-401.) **EXCEPTION:** Credit reserve forces flight surgeons with a maximum of two sorties for separate flights performed in a single calendar day, provided the interval between flights does not exceed 60 days and a minimum of six missions are flown each six months.
2. A night sortie is one on which either takeoff or landing and at least 50 percent of flight duration or one hour, whichever is less, occur between the period of official sunset to official sunrise.
3. Flight surgeons are conditional fliers and must meet DODFMR (*DOD Financial Management Regulation*) flying requirements for entitlement to ACIP. See also AFI 11-421, *Aviation Resource Management*.
4. To maintain currency, time between flights must not be more than 60 days. Notify the command surgeon when time between flights exceeds 60 days. MAJCOMs establish procedures for flight surgeons to regain flying currency.
5. Squadron aviation resource managers will set up flight surgeon training profiles on an annual cycle. Reference AFI 11-401 for Air Force Flight Surgeon ARMS event identifiers.

**5. Upgrade Training.** See applicable AFI 11-2 *MDS-Specific*, Volume 1, for specific instructions for additional requirements. Personnel upgrading in an aircraft will incur an ADSC per AFI 36-2107.

**5. (AFMC) Upgrade Training.** Additional guidance for upgrade training is established in AFI 11-2FT Volume 1.

**6. Aircrew Training System (ATS).** The ATS is a system wherein a civilian contractor provides academic, simulator, and other designated aircrew training. ATS courses are listed in the applicable AFI 11-2 *MDS-Specific*, Volume 1.

6.1. **Applicability.** Guidance applies to all aircrew members attending either formal schools using ATS courseware or ATS refresher/phase training, or units conducting secondary method training utilizing formal courseware.

6.2. **Students.** ATS students will enroll on a full-time basis to ensure their training is completed in a timely and uninterrupted manner. Students will be relieved of duties not directly related to training.

*EXCEPTION:* Supervisory personnel may continue their normal duties as time permits when this training is conducted at home station.

**6.3. Course Prerequisites.** Commanders will ensure ATS students complete ATS course prerequisites as outlined in ETCA, applicable AFI 11-2 *MDS-Specific*, Volume 1, or course syllabus.

**6.4. Objectives.** Lesson objective descriptions, remediation procedures, specific training evaluation criteria, administration procedures and scheduling guidelines/procedures are found in the applicable AFI 11-2 *MDS-Specific*, Volume 1, or course syllabus.

**6.5. Unsatisfactory Student Progress:**

6.5.1. If a student's training progress is unsatisfactory, the contractor will notify the appropriate government representative (wing training, operations officer, etc.). Following review of the student's record, the government representative will determine whether to continue or terminate training.

6.5.2. The contractor will provide written feedback to the unit commander or training office for students who display substandard performance.

**6.6. Courseware Changes.** Submit formal school courseware changes through appropriate MAJCOM channels to the training command. The training command will coordinate with the command responsible for overseeing the ATS contract, if different than the training command. Submit all other courseware changes to the MAJCOM responsible for overseeing the ATS contract.

**6.7. Source Document.** Changes to aircrew qualifications (including training profiles) that are tracked in ARMS will be documented on the AF Form 4324, **Aviation Resource Management System (ARMS) Upgrade Worksheet**. Forms will be certified by the appropriate agency and provided to the Squadron Aviation Resource Management office.

**7. Forms.**

**7.1. Forms Prescribed.** AF Form 1522, **ARMS Additional Training Accomplishment Report**, AF Form 4324, **Aviation Resource Management System (ARMS) Upgrade Worksheet**.

7.1. (AFMC) Forms Prescribed. AFMC Form 67 Series, **Ground Training Record**, AFMC Form 68 Series, **Flying Training Record**, AFMC Form 69, **Flying Training Comments**, and AFMC Form 73, **Flight Operations Waiver Request**.

**7.2. Forms Adopted.** AF Form 8, **Certificate of Aircrew Qualification**, AF Form 847, **Recommendation for Change of Publication**.

RONALD E. KEYS, Lt General, USAF  
DCS/Air & Space Operations

**Attachment 1****GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFPD 10-9, *Lead Operating Command Weapon Systems Management*  
AFPD 10-21, *Air Mobility Lead Command Roles and Responsibilities*  
AFPD 11-2, *Aircraft Rules and Procedures*  
AFPD 11-4, *Aviation Service*  
AFI 11-202, Volume 2, *Aircrew Standardization/Evaluation Program*  
AFI 11-290, *Cockpit/Crew Resource Management Training Program*  
AFI 11-301, Volume 1, *Aircrew Life Support (ALS) Program*  
AFI 11-401, *Aviation Management*  
AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*  
AFI 11-403, *Aerospace Physiological Training Program*  
AFI 11-421, *Aviation Resource Management*  
AFI 16-1301 *Survival, Evasion, Resistance and Escape Program*  
AFI 33-360, Volume 2, *Forms Management Program*  
AFI 36-2107, *Active Duty Service Commitments (ADSC)*  
AFI 36-2201, Volume 1, *Training Development, Delivery, and Evaluation*  
AFI 36-2251, *Management of Air Force Training Systems*  
AFI 48-123, *Medical Examinations and Standards*  
AFI 65-503, *US Air Force Cost and Planning Factors*  
AFMAN 11-210, *Instrument Refresher Course (IRC) Program*  
AFMAN 36-2234, *Instructional System Development*  
AFMAN 37-123, *Management of Records*  
AFRCI 36-2102, *Reserve Service Commitment*

***Abbreviations and Acronyms***

**AATTC**—Advanced Airlift Tactics Training Center  
**ACIP**—Aviation Career Incentive Pay  
**ADSC**—Active Duty Service Commitment  
**AEB**—Aircrew Evaluation Board  
**AETC**—Air Education and Training Command

**AFI**—Air Force Instruction  
**AFMSA**—Air Force Medical Support Agency  
**AFPC**—Air Force Personnel Center  
**AFPD**—Air Force Policy Directive  
**AFRL**—Air Force Research Laboratory  
**ANG**—Air National Guard  
**APT**—Awaiting PCS Training  
**ARC**—Air Reserve Component  
**ARMS**—Aviation Resource Management System  
**ATS**—Aircrew Training System  
**BAQ**—Basic Aircraft Qualification  
**BMC**—Basic Mission Capable  
**CC**—Commander  
**CEA**—Career Enlisted Aviator  
**CMR**—Combat Mission Ready  
**CONOPS**—Concept of Operations  
**CSAF**—Chief of Staff, USAF  
**DNIF**—Duty Not Involving Flying  
**DOD**—Department of Defense  
**ETCA**—Education and Training Course Announcement  
**FCR**—Formal Course Review  
**FE**—Flight Examiner  
**FEB**—Flying Evaluation Board  
**FYDP**—Future Years Defense Program  
**HQ**—Headquarters  
**MAJCOM**—Major Command (for purposes of this AFI, includes ANG and USAFA)  
**MDS**—Mission Design Series  
**MR**—Mission Ready  
**NAF**—Numbered Air Force  
**N-BAQ**—Non-Basic Aircraft Qualification  
**N-BMC**—Non-Basic Mission Capable  
**N-CMR**—Non-Combat Mission Ready

**NMR**—Non-Mission Ready  
**OG**—Operations Group  
**OPORD**—Operation Order  
**OPR**—Office of Primary Responsibility  
**OSA**—Operational Support Airlift  
**PCS**—Permanent Change of Station  
**PFT**—Programmed Flying Training  
**PGL**—Program Guidance Letter  
**PR**—Progress Review  
**PRD**—Program Requirements Document  
**RPA**—Remotely Piloted Aircraft  
**RSC**—Reserve Service Commitment  
**SORTS**—Status of Resources and Training System  
**STAN/EVAL**—Standardization/Evaluation  
**TDY**—Temporary Duty  
**USAF**—United States Air Force  
**USAFA**—United States Air Force Academy  
**WIC**—Weapons Instructor Course

### ***Terms***

**Aircrew**—The total complement of rated, career enlisted aviators, and nonrated personnel required for the safe ground and flight operation of the aircraft and onboard systems. Individuals must be on aeronautical orders and assigned to an authorized position according to AFI 65-503, *US Air Force Cost and Planning Factors*. (See AFD 11-4, *Aviation Service*.)

**Basic Aircraft Qualification**—An aircrew member who has satisfactorily completed training prescribed to maintain the skills necessary to perform aircrew duties in the unit aircraft.

**Basic Mission Capable**—An aircrew member who has satisfactorily completed mission qualification training, is qualified in some aspect of the unit mission, but does not maintain MR/CMR status.

**Combat Mission Ready**—An aircrew member who has satisfactorily completed mission qualification training and maintains qualification and proficiency in the command or unit combat mission.

**Continuation Training**—The continuation training program provides crew members with the volume, frequency, and mix of training necessary to maintain proficiency in the assigned qualification level.

**Currency**—A measure of how frequently and/or recently a task is completed. Currency requirements should ensure the average aircrew member maintains a minimum level of proficiency in a given event.

**Flying Training CONOPS**—The process that ties validated training requirements to the Air Force Programming, Planning, and Budgeting System.

**Formal Course**—Training courses listed in the Air Force Education and Training Course Announcement (ETCA).

**Initial Qualification**—An aircrew member engaged in training needed to qualify for basic aircrew duties in an assigned position for a specific aircraft, without regard for the unit's operational mission.

**Mission Ready**—An aircrew member who has satisfactorily completed mission qualification training and maintains qualification and proficiency in the command or unit operational mission.

**Mission Qualification**—An aircrew member engaged in training needed to qualify in an assigned aircrew position to perform the command or unit mission.

**Office of Primary Responsibility (OPR)**—Any headquarters, agency, or activity having the primary functional interest in, and responsibility for, a specific action, project, plan, program, or problem.

**Proficiency**—A measure of how well a task is completed. An aircrew member is considered proficient when they can perform tasks at the minimum acceptable levels of speed, accuracy, and safety.

**Special Mission Training**—Training in any special skills necessary to carry out the unit's assigned missions that are not required by every crew member. Specialized training is normally accomplished after the crew member is assigned MR/CMR or BMC status, and is normally in addition to MR/CMR or BMC requirements.

**Training Command**—The MAJCOM assigned responsibility for formal school training in each MDS.